

THE AMENDMENTS

In the Claims:

1-15. (Canceled)

16. (Currently Amended) The composition of claim 22, wherein said solution contains at least one million International Units of ~~gamma~~ γ -IFN/ml, as measured by (i) the ability of γ -IFN to stimulate CD64 antigen expression in cultured enriched human monocytes, or (ii) the ability of γ -IFN to stimulate HLA-DR antigen expression in cultured human monocytes.

17. (Previously Presented) The composition of claim 22, wherein said stabilizing agent comprises mannitol.

18. (Previously Presented) The composition of claim 17, wherein said mannitol is present in an amount between 5-15 mM.

19. (Previously Presented) The composition of claim 22, wherein said dispersing agent comprises polysorbate.

20. (Previously Presented) The composition of claim 19, wherein the polysorbate is present in an amount between 50-200 mg/liter weight percent.

21. (Previously Presented) The composition of claim 22, wherein the aqueous γ -IFN solution has a viscosity at room temperature of less than 2Cp.

22. (Currently Amended) A liquid-droplet aerosol composition formed from an aqueous γ -IFN solution having a known, ~~selected~~ γ -IFN biological activity, and comprising a dispersing agent and a stabilizing agent in an amount effective to stabilize the γ -IFN upon aerosolization, wherein the stabilizing agent consists of a sugar, an alcohol, or an amino acid, wherein the liquid-droplet aerosol composition has

(a) defined-size droplet particles in a selected size range selected from the group consisting of (i) less than 1 micron, (ii) 1-3 microns, (iii) 3-5 microns, (iv) 5-10 microns, and (v) greater than 10 microns;

(b) a γ -IFN biological activity substantially the same as that of the aqueous γ -IFN solution; and

(c) a γ -IFN molecular size distribution substantially the same as that of the aqueous γ -IFN solution.

23. (Previously Presented) The composition of claim 22, wherein at least 95% of the droplet particles have a size in the selected size range.

24. (canceled)

25. (Previously Presented) The composition of claim 22, wherein at least 80% of the droplet particles have a size in the selected size range.

26. (Previously Presented) The composition of claim 22, which are formed by placing the aqueous γ -IFN solution against a plate having defined-size openings or pores, and forcing the aqueous γ -IFN solution through the openings or pores.

27. (Previously Presented) The composition of claim 22, wherein the selected size range is 3-5 microns.

28. (Previously Presented) The composition of claim 22, wherein the selected size range is 5-10 microns.